

**AMENDMENTS TO THE SPECIFICATION:**

Please replace paragraph 35 on pages 9-10 with the following amended paragraph:

With reference to FIG. 4, a keyboard 1200 with navigation sections 205, 206 may include multi-axis devices configured for scrolling an image 1 in multiple directions and along multiple axes 4, 5 (X, Y) relative to a display screen 2 used with a host computer 100 and for freeform cursor control (See FIG. 3). In a preferred arrangement shown in FIG. 4, navigation sections 205, 206 may include a left touchpad 230 and a right touchpad 231 ~~dispose~~disposed on the left side and right side, respectively. This arrangement provides for minimal thickness to the keyboard to reduce weight and greater portability and acceptable performance in terms of speed and accuracy. Touchpad 230 and touchpad 231 may be any appropriate shape, such as a square, rectangular, diamond, circular, cross, or oval. In a rectangular or square shape, a touchpad may be 35 mm to 60 mm in width or length. In one construction, the touchpad can be 47 mm square. Nevertheless, other navigation devices known for cursor control can be employed, such as joysticks and d-pads. It will be appreciated that the navigations sections 205, 206 may include a touchstrip, a trackball or combination thereof, or other device that provides for one or two-dimensional movement of cursor and scrolling functionality.

Please replace paragraph 38 on page 11 with the following amended paragraph:

In operation, a user rolls the ball in a desired direction relative to the keyboard housing 219, and rotation of the movable ball on two orthogonal axes is sensed. As known in the art, two signals are produced representative of the rotation of the movable ball ~~219~~ 223 along the two axes. With respect to cursor control, rotation of the ball along the two axes is translated into movement of the cursor in two dimensions for freeform control of a cursor on the display screen 1. The movable ball 223 may be sensed by any conventional mechanical or optical sensing system or any other desired technique. For example, if a mechanical sensing system is used, the ball 223 may be supported on a pair of perpendicular rollers. If an optical sensing system is used, a light source may be reflected off of a non-exposed portion of the ball 223, and an optical sensor may

determine the relative movement of the ball 223.

Please replace paragraph 40 on pages 11-12 with the following amended paragraph:

In one embodiment shown in Figure 5, one or more buttons may be disposed on the keyboard 1201 to toggle the cursor control to scroll mode and the like. In a single button configuration, the button 300 (see FIG. 5) may have multi-stage settings. Alternatively, a physical dial (not shown) can be provided with a pointer to select the mode. In a button or dial embodiment, the keyboard 1201 can have various indicia corresponding to the selected functionality. In yet another embodiment, the keyboard 1201 can be voice configurable to change to mode to and from cursor control mode and scroll mode. For example, a user can say a voice command such as “trackball” to recognize the ~~track~~ trackball device 221 is ready to be configured. Then, a user can say “scroll” to change the mode from cursor control mode to scrolling mode. Alternatively, a user can say “cursor” or “mouse” to change the state to cursor movement. Thus, a user can work with their hands for other tasks. It should be recognized that the present invention is not limited to the specific voice commands described in the foregoing, but other commands to perform the intended functions are possible. Nevertheless, toggle functionality and voice configuration can be provided with keyboard 1200, 1203, 1205, 1209, 1211, or 1213.

Please replace paragraph 48 on pages 14-15 with the following amended paragraph:

In one aspect of trackball devices 221, 222, when configured as a cursor control device, the movable ball 223 rolls very smoothly. In another aspect of the trackball device, when configured as a scrolling device, an external surface may include slight detents. User tactile feedback may include a feeling of resistance to rotation or detents so users can better gauge their degree of movement. In an embodiment, the image 1 will scroll across the screen 2 at a constant, predetermined speed (See FIG. 3). The user may change or set this scrolling speed via known techniques. In another embodiment, the trackball devices 221, 222 have acceleration functionality for view scrolling longer distances for large images. The movable ball 223 can

maintain angular momentum to during rolling. A user can begin a roll and then lift his or ~~hers~~ her hand off the movable ball 223 to let it continue. Advantageously, this configuration may decrease finger movement while enhancing speed at longer distances. Thus, the user has less finger fatigue or muscle strain.

Please replace paragraph 53 on pages 16-17 with the following amended paragraph:

In one embodiment of the invention, there may be a scroll wheel associated with each cursor control device to provide scrolling functionality. According to a preferred arrangement of a keyboard of the present invention, scrolling can be provided by a wheel and cursor control may be provided by a touchpad or a trackball device. As shown in the Figure 9, the present invention may include a scroll wheel assembly 10 having a rotatable member 40 that can be used for scrolling an image 1 in multiple directions and along multiple axes (X, Y) relative to a display screen 2 used with a host computer 100. Scroll wheel assembly 10 is located on the right side of keyboard 1209 and is at least behind touchpad 231. As described in more detail hereinafter, in addition to its normal rotational movement for vertical scrolling, the rotatable member 40 may be moved laterally to horizontally scroll an image on the display screen. While scroll wheel assembly is shown the right side of keyboard 1211, it may be located on the left side as well (See FIG 10). Further, scroll wheel assembly 10 may be provided as a navigational device or used in conjunction with other types of devices such as trackball device 221 as shown in the keyboard construction 1211 of Figure 10.

Please replace paragraph 57 on page 18 with the following amended paragraph:

Figure 11 is a schematic representation of an alternative keyboard 1213 according to one embodiment of the present invention. In lieu of an editing section, a control section 207 may be provided between the alphanumeric section 201 and navigation section 206. Figure 12 illustrates of an alternative keyboard 1215 according to one embodiment of the present invention, in which the control section 207 is preferably located on the left side of the keyboard. This configuration allows for anatomically handiness and functions of the editing section 203 as well. In both

keyboard 1213 and keyboard 1215, control section 207 may have other group of keys or buttons for various functions to allow multiple configurations. For example, there may be a pair of keys for Application Switching; a pair of keys for Copy and Paste; a pair of keys for Forward and Back; a pair of keys for Redo and Undo; a Key for Zooming. As using herein, the term “zooming” is defined as increasing or decreasing the scale of view on a display screen. In a further arrangement, keyboard 1213 can have an audio control portion in control section 207. Such as audio control portion may include a set of audio control keys, such as Command/Dictate On/Off, Microphone On/Off, Speech Correction On/Off, and the like. In another arrangement, keyboard 200 may have a telephony section having a set of keys, such as take call, transfer call, speaker phone, hold, conference call and the like.

Please replace paragraph 59 on page 19 with the following amended paragraph:

In a couch use environment, aspects of the present invention allow more than one person to use a computer and its associated screen at one time. For example, parents may instruct their children with a computer. Two people may play a computer game together. Further, two people may collaborate on the project or report for work, school or organization. Thus, each person can share typically one cursor control ~~devices~~ device and/or one view scrolling navigation device. Thus, two cursor control and navigation devices on a keyboard presents a new, unique way of improving the collaboration experience. For example, both touchpads may be dedicated to cursor control allowing for collaboration. A person with keyboard on his lap uses a touchpad on right side, while person sitting to left of him/her uses a touchpad on the left with his/her right hand. In another example, one person, such as a collaborator, can use a touchpad, trackball, or other technology representing cursor control with their right hand, while sitting in front of keyboard and display. A second person, e.g., the fellow collaborator, can sit to left of the other person with a duplicate cursor control device location on same keyboard. Advantageously, aspects of the present invention allow for uninterrupted flow of ideas and work between to collaborating persons using the same keyboard.